

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/526,125
				Filing Date	September 1, 2003 (Int'l)
				First Named Inventor	Mariagrazia PIZZA
				Art Unit	1652
				Examiner Name	G. Raghu
Sheet	1	of	2	Attorney Docket Number	223002103000

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw the though citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/G.R./	1.	Allured et al. (1986). "Structure of exotoxin A of <i>Pseudomonas aeruginosa</i> at 3.0-Angstrom resolution," <i>Proc. Natl. Acad. Sci. USA</i> , 83:1320-1324.			
	2.	Antoine et al. (1993). "Evidence for a Catalytic Role of Glutamic Acid 129 in the NAD-glycohydrolase Activity of the Pertussis Toxin S1 Subunit," <i>The Journal of Biological Chemistry</i> , 268(32):24149-24155.			
	3.	Barbieri et al. (1989). "Photolabeling of Glu-29 of the S-1 Subunit of Pertussis Toxin with NAD," <i>Infection and Immunity</i> , 57(11):3549-3554.			
	4.	Burnette et al. (1988). "Pertussis Toxin S1 Mutant with Reduced Enzyme Activity and a Conserved Protective Epitope," <i>Science</i> , 242(4875):72-74.			
	5.	Carroll et al. (1984). "NAD binding site of diphtheria toxin: Identification of a residue within the nicotinamide subsite by photochemical modification with NAD," <i>Proc. Natl. Acad. Sci. USA</i> , 81:3307-3311.			
	6.	Domenighini et al. (1994). "Common features of the NAD-binding and catalytic site of ADP-ribosylating toxins," <i>Molecular Microbiology</i> , 14(1):41-50.			
	7.	Douglas et al. (1987). "Exotoxin A of <i>Pseudomonas aeruginosa</i> : Substitution of Glutamic Acid 553 with Aspartic Acid Drastically Reduces Toxicity and Enzymatic Activity," <i>Journal of Bacteriology</i> , 169(11):4967-4971.			
	8.	Douglas et al. (1990). " <i>Pseudomonas aeruginosa</i> Exotoxin A: Alterations of Biological and Biochemical Properties Resulting from Mutation of Glutamic Acid 553 to Aspartic Acid," <i>Biochemistry</i> , 29(21):5043-5049.			
	9.	Lobet et al. (1991). "Effect of Site-Directed Mutagenic Alterations on ADP-Ribosyltransferase Activity of the A Subunit of <i>Escherichia coli</i> Heat-Labile Enterotoxin," <i>Infection and Immunity</i> , 59(9):2870-2879.			
/G.R./	10.	Pizza et al. (1988). "Subunit S1 of pertussis toxin: Mapping of the regions essential for ADP-ribosyltransferase activity," <i>Proc. Natl. Acad. Sci.</i> , 85:7521-7525.			

Substitute for form 1449/PTO		Complete If Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/526,125		
		Filing Date	September 1, 2003 (Int'l)		
		First Named Inventor	Mariagrazia PIZZA		
		Art Unit	1652		
		Examiner Name	G. Raghu		
Sheet	2	of	2	Attorney Docket Number	223002103000

/G.R./	11.	Rappuoli et al. (1991). "Structure and evolutionary aspects of ADP-ribosylating toxins," in <i>Bacterial Protein Toxins</i> . Alouf, J.E., Freer, J.H. (eds), London : Academic Press. Page 12.	
	12.	Thanabalu et al. (1991). "Cloning, Sequencing, and Expression of a Gene Encoding a 100-Kilodalton Mosquitocidal Toxin from <i>Bacillus sphaericus</i> SSII-1," <i>Journal of Bacteriology</i> , 173(9):2776-2785.	
	13.	Tsuji et al. (1991). "Glutamic acid-112 of the A subunit of heat-labile enterotoxin from enterotoxigenic <i>Escherichia coli</i> is important for ADP-ribosyltransferase activity," <i>FEBS</i> , 291(2):319-321.	
↓	14.	Tweten et al. (1985). "Diphtheria Toxin: Effect of Substituting Aspartic Acid for Glutamic Acid 148 on ADP-Ribosyltransferase Activity," <i>The Journal of Biological Chemistry</i> , 260(19):10392-10394.	
/G.R./	15.	Wilson et al. (1990). "Active-Site Mutations of Diphtheria Toxin: Effects of Replacing Glutamic Acid-148 with Aspartic Acid, Glutamine, or Serine," <i>Biochemistry</i> 29:8643-8651.	

Examiner Signature	/Ganapathiram Raghu/	Date Considered	07/28/2009
-----------------------	----------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.